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Help



> Introduction to Post Secondary Education



Introduction to Postsecondary Education Sample Survey Data


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> Introduction to Post Secondary Education > Module Objectives

00:02:24

Module Objectives

- Provide an overview of NCES postsecondary education sample survey data
 - Cross-sectional study
 - [National Postsecondary Student Aid Study \(NPSAS\)](#)
 - Longitudinal studies
 - [Beginning Postsecondary Students Longitudinal Study \(BPS\)](#)
 - [Baccalaureate and Beyond Longitudinal Study \(B&B\)](#)
- Introduce you to the NPSAS, BPS, and B&B and their:
 - Target populations;
 - Sample and study designs; and
 - Data collection years and data sources.
- Highlight the broad topics for which data are available for analysis.

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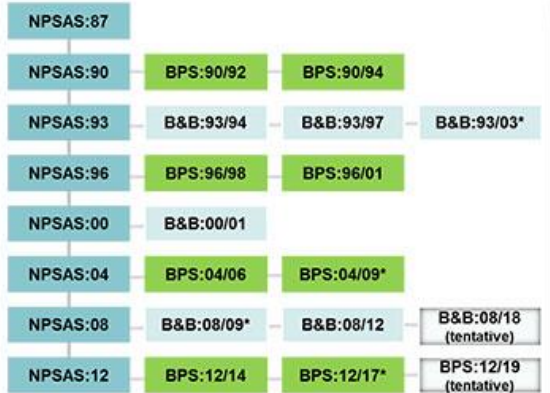
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> Introduction to Post Secondary Education > Postsecondary Data Collections and Chronology

00:00:43

Postsecondary Data Collections and Chronology




Year	NPSAS	BPS	B&B
1987	NPSAS:87		
1990	NPSAS:90	BPS:90/92	BPS:90/94
1993	NPSAS:93	B&B:93/94	B&B:93/97
1996	NPSAS:96	BPS:96/98	BPS:96/01
2000	NPSAS:00	B&B:00/01	
2004	NPSAS:04	BPS:04/06	BPS:04/09*
2008	NPSAS:08	B&B:08/09*	B&B:08/12
2012	NPSAS:12	BPS:12/14	BPS:12/17*
2018 (tentative)			B&B:08/18 (tentative)
2019 (tentative)			BPS:12/19 (tentative)

*Postsecondary education transcripts collected.

NPSAS has been conducted every three or four years since 1986-87 and serves as base year data collection for two longitudinal studies in alternative administrations of the survey:

- Beginning Postsecondary Students Longitudinal Study (BPS), and
- Baccalaureate and Beyond Longitudinal Study (B&B)

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> Introduction to Post Secondary Education > NPSAS: Purpose


00:01:18

National Postsecondary Student Aid Study (NPSAS): Purpose

- Examine how students and their families pay for college.
- Examine the characteristics of students enrolled in all levels of postsecondary education.
 - Nationally representative of all undergraduate and graduate students attending Title IV participating postsecondary institutions by institution sector.
- Legislatively mandated data collection to help inform of the federal government's investment in financing students' postsecondary education.

NPSAS

NPSAS

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Help


> Introduction to Post Secondary Education > NPSAS Target Population

00:01:00

NPSAS Target Population

- Undergraduate and graduate students enrolled in Title IV participating institutions
 - of all attendance statuses (e.g., full- or part-time)
 - with or without financial aid
 - in all types (i.e., sectors) of institutions
 - All levels (e.g., less-than 2-year, 2-year, and 4-or-more-years)
 - All controls (i.e., public, private not-for-profit, private for-profit)

NPSAS

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Help


> Introduction to Post Secondary Education > NPSAS Two-Stage Sampling Design

00:00:53

NPSAS Two-Stage Sampling Design

- Stage 1 – Institution sample
 - Stratify all Title IV institutions by institution type, select institutional sample with probabilities proportional to a measure of size
- Stage 2 – Student sample
 - Stratify enrollment lists that are gathered from the sampled institutions by student type; then select student sample.

NPSAS

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Help

> Introduction to Post Secondary Education > NPSAS Data Sources


00:01:46

NPSAS Data Sources

- Student interview
- Institutional student records
- Department of Education administrative records, including:
 - Central Processing System (contains data from Free Application for Federal Student Aid, or FAFSA)
 - National Student Loan Data System (federal loans, Pell grants)
 - Integrated Postsecondary Education Data System (IPEDS)
- National Student Clearinghouse (enrollment history) and other external administrative data sources

NPSAS

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> Introduction to Post Secondary Education > NPSAS Data Elements

00:00:21

NPSAS Data Elements

- Student demographic characteristics
- Pre-college characteristics
- Institutional characteristics
- Enrollment histories
- Detailed information on college financing
- College experiences

 **NPSAS**

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> Introduction to Post Secondary Education > NPSAS Research Questions

00:01:20


NPSAS Research Questions

NPSAS addresses research questions such as:

- How do students and families pay for postsecondary education?
- How have costs and financial aid packages changed over the years?
- Why do some students receive more financial aid than other students from apparently similar backgrounds?
- How much have students and families borrowed to pay for postsecondary education?
- How do aided and nonaided students compare on total resources available for education and other expenses?
- What are the family characteristics of aided and non-aided students?

NPSAS

NPSAS

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> Introduction to Post Secondary Education > BPS Longitudinal Study


00:00:58

**Beginning Postsecondary Students (BPS)
Longitudinal Study**

- Describes the educational progress, persistence, degree attainment, and work experiences of first-time students at the end of their 1st year, 3rd year, and 6th year.
 - Nationally representative of first-time beginning students (FTBs)
 - Follows a first-time entering student cohort, instead of a grade/age cohort
 - Includes older students who delayed entering college
 - Includes first-time students at all types of institutions

BPS

BPS

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> Introduction to Post Secondary Education > BPS Purpose and Overview

00:00:48

BPS Purpose and Overview

- Longitudinal study designed to collect data related to two key research domains:
 - persistence in, and completion of, postsecondary education programs, and
 - workforce outcomes for students in short-cycle degree programs.
- Generates two key indicators of student progress:
 - The proportion of students who complete a certificate or degree program at their **first institution** within 6 years
 - The proportion of students who complete a certificate or degree program **anywhere** within 6 years

BPS

> Introduction to Post Secondary Education > BPS Data Collections

00:00:47


BPS Data Collections

Cohort Year/ Base Year	3 rd Year Follow-up	6 th Year Follow-up
1989-90 (NPSAS:90)	1992 (BPS:90/92)	1994* (BPS:90/94)
1995-96 (NPSAS:96)	1998 (BPS:96/98)	2001 (BPS:96/01)
2003-04 (NPSAS:04)	2006 (BPS:04/06)	2009 (BPS:04/09)
2011-12 (NPSAS:12)	2014 (BPS:12/14)	2017 (BPS:12/17)

*1989-90 cohort only followed-up to 5 years



BPS

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> Introduction to Post Secondary Education > BPS Target Population

00:01:05

BPS Target Population

- First-time beginning students who were enrolled in postsecondary education in a given academic year for the first time since completing high school (or a GED).
- It includes students who entered college with advanced standing (i.e., college credits earned before graduation from high school).
- BPS:04/09 consisted of 18,640 eligible sample members.
 - The final BPS:04/09 cohort includes approximately 16,680 students, including 16,120 who responded to all three waves of student interviews.

BPS

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> Introduction to Post Secondary Education > BPS Data Sources

00:00:51

BPS Data Sources

	Base Year	3 rd Year Follow-up	6 th Year Follow-up
Student Interview	X	X	X
Institutional Records			
Institutional Student Records	X		
All Undergraduate Transcripts			X
Department of Education Administrative Records			
Central Processing System (FAFSA)	X	X	X
National Student Loan Data System	X	X	X
Integrated Postsecondary Education Data System (IPEDS)	X	X	X
External Administrative Records			
National Student Clearinghouse	X	X	X
College Testing Services	X		



BPS

> Introduction to Post Secondary Education > BPS Topics


00:00:18

BPS Topics

Base Year	3 rd Year Follow-up	6 th Year Follow-up	Postsecondary Education Transcripts (2004 cohort)
Student Demographic Characteristics	Degrees or certificates earned	Degrees or certificates earned	
Pre-college characteristics	Education expectations and collegiate experiences	Early workforce outcomes (if applicable)	
Enrollment histories	Enrollment histories	Enrollment histories	
College financing (all sources)	College financing (federal only)	College financing (federal only)	



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> Introduction to Post Secondary Education > BPS Research Questions

00:01:59

BPS Research Questions

- What percentage of beginning students complete their degree within six years?
- What are the factors associated with degree completion?
- How is actual attainment related to aspirations?
- What are the outcomes for those who complete a degree and those who leave without a degree?

BPS

BPS

> Introduction to Post Secondary Education > B&B Longitudinal Study


00:01:06

Baccalaureate and Beyond (B&B) Longitudinal Study

- Provides information concerning graduate education, work experiences, and life after completion of the bachelor's degree.
 - Nationally representative of undergraduate students graduating with baccalaureate degrees.
 - Follows a graduation year cohort, regardless of when they started college.
 - Includes baccalaureate recipients at all types of institutions.
 - Focuses on potential teachers and those entering the teacher workforce.
 - NPSAS serves as the base year with follow-ups at least 1 year later and up to 10 years later.



B&B

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> Introduction to Post Secondary Education > B&B Purpose and Overview

00:00:28

B&B Purpose and Overview

- Longitudinal study designed to collect data related to:
 - Employment and education after the bachelor's degree
 - Relationship of bachelor's degree to work experiences
 - Effect of bachelor's degree on the lives of individuals
 - Repayment of federal education loans
 - New teachers' entry into the profession and career path

B&B

B&B

> Introduction to Post Secondary Education > B&B Data Collections Across Time


00:00:38

B&B Data Collections Across Time (Periodicity)

Cohort Year/ Base Year	1 Year Follow-up	4 Year Follow-up	10 Year Follow-up
1992-93 (NPSAS:93)	1994 (B&B:93/94)	1997 (B&B:93/97)	2003 (B&B:93/03)
1999-2000 (NPSAS:00)	2001 (B&B:00/01)	No follow-up	No follow-up
2007-08 (NPSAS:08)	2009 (B&B:08/09)	2012 (B&B:08/12)	Tentative 2018 follow-up



B&B

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> Introduction to Post Secondary Education > B&B Target Population


00:00:28

B&B Target Population

- Students graduating with baccalaureate degrees in a given academic year regardless of when they started college.

B&B

B&B

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> Introduction to Post Secondary Education > B&B Sampling Strategy

00:01:02

B&B Sampling Strategy

- A subsample NPSAS base year sample of members who are identified as graduating bachelor's degree students with:
 - Oversampling from institutions which award high numbers of education degrees
 - Undersampling of business degree recipients

B&B

> Introduction to Post Secondary Education > B&B Data Sources

00:00:56

B&B Data Sources

	Base Year	1 st Year Follow-up	4 th Year Follow-up	10 th Year Follow-up
Student Interview	X	X	X	X
Institutional Records				
Institutional Student Records	X			
Bachelor's Institution Transcripts		X		
Department of Education Administrative Records				
Central Processing System (FAFSA)	X	X	X	X
National Student Loan Data System	X	X	X	X
Integrated Postsecondary Education Data System (IPEDS)	X	X	X	X
Common Core of Data/Private School Survey (Teachers Only)		X	X	X
External Administrative Records				
National Student Clearinghouse	X	X	X	X
College Testing Services	X			



B&B

> Introduction to Post Secondary Education > B&B Data Collections Across Time


00:00:19

B&B Data Collections Across Time (Periodicity)

Base Year	Bachelor's Institution Transcript	First Follow-up	Second Follow-up	Third Follow-up
Student Demographic Characteristics		Degrees or certificates earned Graduate enrollment	Graduate enrollment	Graduate enrollment
Anticipated employment		Employment history, compensation & working conditions	Employment history, compensation & working conditions	Employment history, compensation & working conditions
Family Formation		Family Formation	Family Formation	Family Formation
College financing (all sources)		College financing & Cumulative Debt	College financing & Cumulative Debt	College financing & Cumulative Debt



B&B

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> Introduction to Post Secondary Education > B&B Research Questions

00:01:04

B&B Research Questions

- How long does it take to complete a bachelor's degree?
- How much do students borrow to complete their postsecondary education?
- Do bachelor's degree recipients enter jobs related to their major field of study?
- What percentage of bachelor's degree recipients attend graduate school?
- How do new college graduates who enter teaching as their first career choice differ from those who enter teaching later in life?

B&B

B&B

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> Introduction to Post Secondary Education > Accessing Postsecondary Education Sample Survey Data

00:01:03

Accessing Postsecondary Education Sample Survey Data

The screenshot shows the NCES DataLab website. The header includes the IES logo and navigation links. The main content area is titled 'Postsecondary & Pre-Elementary Education Data' and features four large tiles: 'PowerStats' (for creating tables and regressions), 'College & Career Tables Library' (for browsing 5,000+ tables), 'QuickStats' (for quick table creation), and 'IPEDS ANALYTICS' (for downloading IPEDS data). A 'What's New' sidebar on the right lists recent updates, including the 2011-12 National Postsecondary Student Aid Study (NPSAS) and the 2011-12 College & Career Tables Library. At the bottom, there are links for 'Codebooks' and 'Questions'.

- QuickStats for simple table generation
 - nces.ed.gov/datalab
- PowerStats for table generation
 - nces.ed.gov/datalab
- Restricted-use micro-level data file
 - nces.ed.gov/statprog/instruct.asp
 - [Common Module 5: Acquiring Micro-level NCES Data](#)


> Introduction to Post Secondary Education > Summary

00:00:25

Module Summary

Now that you have completed this module, you should be able to:

- Describe postsecondary education data sample survey data including the:
 - Cross-sectional sample survey, NPSAS, and
 - Two longitudinal studies, BPS and B&B.
- Describe the NPSAS, BPS, and B&B studies and their:
 - Target populations,
 - Sample and study designs, and
 - Data collection years, data sources, and data collection methods.
- Describe the broad topics for which data are available for analysis.

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> Introduction to Post Secondary Education > Resources

00:00:17

Module Resources

- [NPSAS](#), [BPS](#), and [B&B](#) homepages
- [DataLab](#)
- [Restricted Use Data Licenses](#)
- [Acquiring Micro-level NCES Data](#)